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| Application/Control | No. |  |
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Applicant(s)/Patent under Reexamination LÖE ET AL.

10/717,398

Art Unit

Examiner

Freda A. Nelson

3628

Rejected Allowed

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| Cla      | im       |         |          |          |          | Date     |          |          |          |          | ı  | Cla      | aim I    |          |          |                | r            | Date         |              | _        |
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|          |          |         |          |          |          |          |          |          |          |          |    | 0,10     |          | $\neg$   | $\neg$   |                |              |              | _            | Г        |
| Final    | Original | 9/10/07 |          |          |          |          |          |          |          |          |    | Final    | Original |          |          |                |              |              |              |          |
|          | 1        | N       |          |          | Г        |          |          |          |          |          |    |          | 51       | $\neg$   |          |                |              |              |              | Γ        |
|          | 2        | N       |          |          |          |          |          |          |          |          |    |          | 52       |          |          |                |              |              |              |          |
|          | 3        | N       |          |          | $\vdash$ |          |          |          |          |          |    |          | 53       | $\neg$   |          |                |              |              |              |          |
|          | 4        | N       |          |          | $\vdash$ |          |          |          |          | $\vdash$ |    |          | 54       |          |          |                |              |              |              |          |
|          | 5        | N       |          |          |          |          | _        | _        |          |          |    |          | 55       |          |          |                |              |              |              | Γ        |
|          | 6        | N       |          |          |          | $\Box$   |          |          |          |          |    |          | 56       |          |          |                |              |              |              |          |
|          | 7        | N       |          |          |          |          |          |          |          |          |    |          | 57       |          |          |                |              |              |              | Ī        |
|          | 8        | N       |          |          |          |          |          |          |          |          |    |          | 58       |          |          |                |              |              |              |          |
|          | 9        | N       |          | _        |          |          |          |          |          |          |    |          | 59       |          |          |                |              |              |              |          |
|          | 10       | N       |          |          |          |          |          |          |          |          |    |          | 60       |          |          |                |              |              |              | Γ        |
|          | 11       | N       |          | Т        |          |          |          |          |          |          |    |          | 61       |          |          |                |              | Г            | Г            | Γ        |
|          | 12       | N       |          |          |          |          |          |          |          |          |    |          | 62       |          |          |                |              |              |              |          |
|          | 13       | N       |          |          | Г        |          |          |          |          |          |    |          | 63       | •        |          |                | Г            |              | Г            | Γ        |
|          | 14       | N       |          |          |          | Г        |          |          |          |          |    |          | 64       |          |          | Г              | Г            |              |              | Г        |
|          | 15       | N       |          |          |          | Г        |          |          |          |          |    |          | 65       |          |          |                |              |              |              | Γ        |
|          | 16       | N       |          |          | -        |          |          | Г        |          |          |    |          | 66       |          |          |                |              |              |              | Γ        |
|          | 17       | N       |          |          |          | Г        |          |          |          |          |    |          | 67       |          |          |                |              |              |              | Γ        |
|          | 18       | N       |          |          |          |          | Г        |          |          |          |    |          | 68       |          |          |                | П            |              |              | Γ        |
|          | 19       | N       |          |          |          |          |          |          |          |          |    |          | 69       |          |          | Г              |              |              |              |          |
|          | 20       | N       |          |          |          | _        |          |          |          |          |    |          | 70       |          |          |                |              | П            |              |          |
|          | 21       | N       |          |          |          |          |          |          |          |          |    |          | 71       |          |          |                |              |              |              |          |
|          | 22       | N       |          |          |          |          |          |          |          |          |    |          | 72       |          |          |                |              |              |              |          |
|          | 23       | N       |          |          |          | Г        |          |          |          |          |    |          | 7.3      |          |          |                |              |              |              |          |
|          | 24       | N       |          |          | Γ        |          |          |          |          |          |    |          | 74       |          |          |                |              |              |              |          |
|          | 25       | N       |          |          |          |          | Г        |          |          |          |    |          | 75       |          |          |                |              |              |              | Γ        |
|          | 26       | N       |          |          | Π        |          |          |          | П        |          | l  |          | 76       |          |          |                |              |              |              |          |
|          | 27       | N       |          | Г        |          |          |          |          | Г        |          | 1  |          | 77       |          |          |                |              |              |              |          |
| _        | 28       | N       |          |          | П        |          |          |          |          |          | 1  |          | 78       |          |          |                |              |              |              |          |
|          | 29       | N       |          |          |          |          |          |          |          |          |    |          | 79       |          |          |                |              |              |              | L        |
|          | 30       | 1       |          |          |          |          |          |          |          |          |    |          | 80       |          |          |                |              |              |              |          |
|          | 31       | V       |          |          |          |          |          |          |          |          | ]  |          | 81       |          |          |                |              | L.           |              |          |
|          | 32       | 1       |          |          |          |          |          |          |          |          | •  | Ĺ        | 82       |          |          | <u> </u>       | _            |              | $oxed{oxed}$ |          |
|          | 33       | 1       |          |          |          |          |          |          |          |          | l  |          | 83       |          |          | L              |              |              |              | L        |
|          | 34       | 1       |          |          |          | _        |          | <u> </u> |          |          |    | <u> </u> | 84       | Ш        |          |                | _            | _            |              | L        |
|          | 35       | 1       | _        | L        | 乚        | 匚        |          |          |          | _        |    |          | 85       | Щ        |          |                | <u> </u>     | $\perp$      | _            | L        |
|          | 36       | 1       |          |          |          |          |          |          |          | <u> </u> |    |          | 86       |          |          |                |              | L            | _            | L        |
|          | 37       | 1       |          | _        |          | <u> </u> | _        |          |          |          |    |          | 87       |          |          | _              |              | <u> </u>     | L            | L        |
|          | 38       | 1       | <u> </u> |          | _        | $\perp$  |          | _        | L        |          | ļ  |          | 88       |          |          | 匚              | _            | $oxed{oxed}$ | <u> </u>     | L        |
|          | 39       | 1       |          |          |          |          | 乚        | L        | 乚        | L        |    |          | 89       | $\Box$   |          |                |              | ┖            | L            | L        |
| L        | 40       | 1       |          |          | <u> </u> | <u> </u> | <u>L</u> | _        | <u> </u> | <u> </u> |    |          | 90       |          |          | <u> </u>       | _            | ↓_           | 辶            | L        |
|          | 41       | 1       |          |          | <u> </u> |          |          |          | ┖        |          |    |          | 91       |          |          |                | _            | <u> </u>     | <u> </u>     | ┖        |
|          | 42       | 1       | L        | L        |          | L        | L        | L        | _        | <u> </u> | 1  |          | 92       |          | _        | _              | 乚            | <u> </u>     | <u> </u>     | ┞        |
|          | 43       | V       |          |          | _        |          | <u> </u> | 辶        | 乚        | L        |    |          | 93       |          |          | <u> </u>       | L            | <u> </u>     | ┖            | L        |
|          | 44       | 1       |          |          |          |          | <u>.</u> | L        | L        | ļ        | ]  |          | 94       |          |          | _              | <u> </u>     | <u> </u>     | ╙            | L        |
|          | 45       | V       | <u> </u> | 乚        | <u> </u> | _        |    |          | 95       |          |          | <u> </u>       | ┞            | <b>L</b>     |              | $\perp$  |
|          | 46       | 1       | <u> </u> | <u> </u> | _        | <u> </u> |          | <u> </u> | 1        | _        | 1  | L        | 96       | <u> </u> | _        | $oxed{oxed}$   | $oxed{oxed}$ | $\vdash$     | <u> </u>     | $\perp$  |
|          | 47       | V       | ļ        | <u> </u> | 1_       | <u> </u> | <u> </u> | <u> </u> | 1_       | <u> </u> |    |          | 97       | Ш        | L        | -              | $\vdash$     | _            | <u> </u>     | 1        |
| ļ        | 48       | V       | <u> </u> | _        | $\perp$  | <u> </u> | <u> </u> | <b>!</b> |          | ļ        | 1  | <u> </u> | 98       | _        | $\vdash$ | _              | ┞            | ـــــ        | -            | $\vdash$ |
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| L        | 50       | 1       |          | <u> </u> | 1        | <u></u>  | <u></u>  | <u></u>  | 1        |          | J· | <u> </u> | 100      | Ц.       |          |                | 1            | <u></u>      | <u>!</u>     | 上        |

| Cla      | im       | Date         |  |  |  |              |  |                |              |  |  |  |
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|          |          | $\neg$       |  |  |  |              |  |                |              |  |  |  |
| Final    | Original |              |  |  |  |              |  |                |              |  |  |  |
|          | 51       | $\dashv$     |  | -  |  |              | $\neg$   |                | $\neg$       | _  |  |  |
|          | 52       |              |  |  |  |              |  |                | $\neg$       |  |  |  |
| $\vdash$ | 52<br>53 |              | $\neg$   | $\neg$   |  | _            | _  |                | $\neg$       | _  |  |  |
| $\vdash$ | -53      | -            |  | $\dashv$   |  | -            | $\dashv$   | $\dashv$       | $\dashv$     |  |  |  |
| $\vdash$ | 54<br>55 |              | -  | -  |  | -            | $\neg$   | -              | $\dashv$     |  |  |  |
|          | 55       | _            |  |  | _  |              | $\dashv$   | _              |              |  |  |  |
|          | 56       | _            |  |  |  |              | _  | _              | _            |  |  |  |
|          | 57       |              |  |  |  |              |  |                |              |  |  |  |
|          | 58       |              |  |  |  |              |  |                |              |  |  |  |
|          | 59       |              |  |  |  |              |  |                | - 1          |  |  |  |
|          | 60       |              |  |  |  |              |  |                |              |  |  |  |
|          | 61       |              |  |  |  |              | $\Box$   |                |              |  |  |  |
|          | 62       |              |  |  |  |              |  |                |              | _  |  |  |
|          | 63       | •            | $\vdash$   |  | $\vdash$   | $\vdash$     |  |                | _            |  |  |  |
|          | 64       | -            | $\dashv$   | _  | $\vdash$   |              |  | -              |              | -  |  |  |
| $\vdash$ | 64<br>65 |              | $\vdash$   |  | $\vdash$   |              | $\dashv$   | -              | $\dashv$     | -  |  |  |
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|          | 66<br>67 |              | _  |  |  | $\vdash$     | _  | _              | -            | _  |  |  |
|          | 67       |              |  |  |  |              | =  |                |              |  |  |  |
| <u> </u> | 68       |              |  |  |  |              |  |                |              |  |  |  |
|          | 69       |              |  |  |  |              |  |                |              |  |  |  |
|          | 70       |              |  |  |  |              |  |                |              |  |  |  |
|          | 71       |              |  |  |  |              |  |                |              |  |  |  |
|          | 72       |              |  |  |  |              |  |                |              |  |  |  |
|          | 72<br>73 |              |  |  |  |              |  |                |              |  |  |  |
|          | 74<br>75 |              |  |  |  |              |  |                |              |  |  |  |
|          | 75       |              |  |  |  |              |  |                |              |  |  |  |
|          | 76       |              |  |  |  |              |  |                |              |  |  |  |
|          | 77<br>78 |              |  |  |  |              |  |                |              |  |  |  |
|          | 78       |              |  |  |  |              |  |                |              |  |  |  |
|          | 79       |              |  |  |  |              |  |                |              | _  |  |  |
|          | 80       |              |  |  |  |              |  |                |              |  |  |  |
|          | 81       |              |  |  |  |              |  |                |              |  |  |  |
|          | 82       |              |  |  |  |              |  |                |              |  |  |  |
|          | 83       |              |  |  | _  |              |  |                | _            | _  |  |  |
|          | 84       | _            | Т  | _  | _  | <b></b>      |  | М              | _            |  |  |  |
|          | 85       | $\vdash$     | $\vdash$   | _  | _  |              | П  | $\Box$         |              |  |  |  |
|          | 86       |              | -  |  | $\vdash$   |              | Ι-   |                |              |  |  |  |
|          | 87       | _            |  |  | $\vdash$   | _            | <del>                                     </del> |                |              | _  |  |  |
| <u> </u> | 88       | $\vdash$     | H  | <del> </del>                                     | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash$       |              |  |  |  |
| _        | 89       | -            | ├  | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     |  |  |  |
|          | 90       | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |  | -              | $\vdash$     | $\vdash$   |  |  |
| -        | 91       | _            | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | <del>                                     </del> |  |  |
|          | 92       | <del> </del> | $\vdash$   | $\vdash$   | -  | $\vdash$     | <del>                                     </del> | $\vdash$       | $\vdash$     | <del> </del>                                     |  |  |
| -        | 93       | $\vdash$     | ┰  | $\vdash$   | $\vdash$   | -            | <del>                                     </del> | $\vdash$       | H            | -  |  |  |
| -        | 94       | ⊢            | $\vdash$   | -  | ├  | $\vdash$     | $\vdash$   |                | -            | -  |  |  |
| -        | 95       | <del> </del> | $\vdash$   | $\vdash$   |  | -            | $\vdash$   | $\vdash$       | <del> </del> | <del> </del>                                     |  |  |
| -        | 96       |              | <del> </del>                                     | $\vdash$   | $\vdash$   | -            | $\vdash$   | $\vdash$       |              | ├  |  |  |
| -        | 97       |              | -  | $\vdash$   | $\vdash$   | <del> </del> | <del> </del> —                                   | ├              | <del> </del> |  |  |  |
| <u> </u> | 98       | $\vdash$     | ├-   |  | $\vdash$   | $\vdash$     | -  | -              | $\vdash$     | $\vdash$   |  |  |
| -        | 99       |              |  | $\vdash$   | -  |              | $\vdash$   | $\vdash$       |              | $\vdash$   |  |  |
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| <u>a</u> | Original   |  |              |   |          |  |  |  |                    |  |
| Final    | iĝ   |  |              |   |          |  |  |  |                    | ı  |
| ۳.       | Õ  |  |              |   |          |  |  |  |                    |  |
|          |  |  | $\vdash$     | _   | _        |  |  |  | -                  | $\dashv$   |
|          | 101<br>102   | _  | _            |   |          |  |  | _  |                    | Н  |
|          | 102  | _  | _            |   |          | _  | _  | _  | $\vdash$           | $\dashv$   |
| <u> </u> | 103  | _  | $\vdash$     |   | _        |  |  |  |                    |  |
| <u> </u> | 104<br>105   |  |              |   |          | _  |  |  |                    | $\vdash$   |
|          | 105  |  | L.           |   |          |  |  |  |                    | $\dashv$   |
|          | 106  |  |              |   | _        |  |  |  |                    | Ш  |
|          | 107<br>108   |  |              |   |          |  |  |  | _                  | Ш  |
|          | 108  |  |              | $ldsymbol{le}}}}}}$ |          | _  |  |  |                    |  |
|          | 109  |  |              |   |          |  |  |  |                    |  |
|          | 110  |  |              |   |          |  |  |  |                    |  |
|          | 111  | Ĺ  |              |   |          |  |  |  | $oxedsymbol{oxed}$ |  |
|          | 112  | L  |              |   |          |  |  |  |                    |  |
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|          | 114  |  |              |   |          |  |  |  | L                  |  |
|          | 115  | ·  |              |   |          |  |  |  |                    |  |
|          | 111<br>112<br>113<br>114<br>115<br>116<br>117                      |  |              | Ī   |          |  |  |  |                    |  |
|          | 117  | Γ  |              | Г   |          |  |  |  |                    | П  |
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| $\vdash$ | 118<br>119<br>120  |  | Н            | -   |          |  | Г  |  |                    | П  |
| <b>—</b> | 120  | <del>                                     </del> | $\vdash$     | ┢   | -        |  | $\vdash$   |  | $\vdash$           | Н  |
| $\vdash$ | 121  | <del> </del>                                     | ┢            | -   | -        |  | Ϊ́   | _  | _                  | Н  |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |  | $\vdash$     | ┢   | -        | $\vdash$   | $\vdash$   | _  | -                  | Н  |
|          | 122  | ┢  | ┢            | ┢   | -        | ⊢  | ┝  |  | -                  | Н  |
|          | 123  | ┢  |              | -   | $\vdash$ | $\vdash$   |  | -  | -                  | Н  |
| -        | 124  | -  | ┢            | <del> </del>  | -        | ⊢  | ┝  | _  |                    | Н  |
|          | 120  | -  | ├            | <del> </del>  | -        | ⊢  | -  | _  | $\vdash$           | Н  |
|          | 120  | -  | -            | ├   | ⊢        | ⊢  | -  | _  | ┝                  | Н  |
| <u></u>  | 127  | H  | -            |   | ⊢        | _  |  | <u> </u>   | -                  | Н  |
|          | 128  | -  | -            | -   | ⊢        | -  |  | _  | -                  | Н  |
| <u> </u> | 129  | -  | -            |   | <u> </u> | _  |  |  | ⊢                  | -  |
|          | 130  |  | ₩            | <u> </u>  |          | _  |  | _  | <u> </u>           | $\vdash$   |
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|          | 132<br>133<br>134  | _  | _            | _   | <u> </u> | 1  | -  | <u> </u>   | <u> </u>           | Щ  |
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| <u></u>  | 134  | <u> </u>   | <u> </u>     | <u> </u>  | <u> </u> | _  | $oxed{oxed}$                                     | <u> </u>   | <u> </u>           | Ш  |
|          | 135<br>136   | <u>_</u>   | <u> </u>     | <u></u>   | <u> </u> | <b> </b>   | <u> </u>   | $\vdash$   | <u> </u>           | Щ  |
| <u></u>  | 136  | _  | $oxed{oxed}$ | _   | <u> </u> | <u> </u>   | <u> </u>   |  | <u> </u>           |  |
|          | 137  |  | <u></u>      |   | L.       | _  | _  | _  | _                  |  |
|          | 138<br>139   |  | _            | _   | _        |  |  | _  | <u> </u>           |  |
|          | 139  | _  | L            | L   |          |  | $oxed{oxed}$                                     | L  | L                  |  |
|          | 140  |  |              |   |          |  |  |  | oxdot              |  |
|          | 141  |  |              |   | L        |  | L  | L  | L                  |  |
|          | 142  |  |              |   |          |  |  |  | $\Box$             |  |
|          | 143  |  |              |   |          |  |  |  |                    |  |
|          | 144  | Π  | Ī            | Π   | Г        |  |  |  | Г                  | П  |
|          | 145  |  | Г            | Т   | Г        |  |  | Π  | T                  | Г  |
|          | 146  | T  | $\top$       | T   | T        |  |  | <u> </u>   | 1                  | Г  |
|          | 147  | 1  | T            | $\vdash$  | †        |  | <del>                                     </del> | Г  | 1                  | $\vdash$   |
| <u> </u> | 148  | 1  | t            | $\vdash$  | 1-       | †  |  | ı  | 1                  | <del>                                     </del> |
| <b>—</b> | 149  | $\vdash$   | +-           | †   |          | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$           | 1  |
| _        | 150  | +  | +-           | $\vdash$  | 1        | +  | <del>                                     </del> | <del>                                     </del> | $\vdash$           | $\vdash$   |
|          | 1 100  | 1  | 1            | 1   | 1        |  |  | L.,  |                    |  |